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## What is claimed is:

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- 1. A flame retardant thermoplastic resin composition comprising:
  - (A) 45 to 95 parts by weight of a thermoplastic polycarbonate resin;
- (B) 1 to 50 parts by weight of a vinyl graft copolymer prepared by graft-polymerizing (B-1) 5 to 95 parts by weight of a monomer mixture consisting of (B-1.1) 50 to 95 by weight of at least one selected from the group consisting of styrene, α-methylstyrene, halogen- or alkyl-substituted styrene, C<sub>1-8</sub> methacrylic acid alkyl ester, and C<sub>1-8</sub> acrylic acid alkyl ester and (B-1.2) 5 to 50 parts by weight of at least one selected from the group consisting of acrylonitrile, methacylonitrile, C<sub>1-8</sub> methacrylic acid alkyl ester, C<sub>1-8</sub> acrylic acid alkyl ester, maleic acid anhydride, and C<sub>1-4</sub> alkyl- or phenyl N-substituted maleimide onto (B-2) 5 to 95 parts by weight of a rubber polymer selected from the group consisting of butadiene rubber, acryl rubber, ethylene-propylene rubber, styrene-butadiene rubber, acrylonitrile-butadiene rubber, isoprene rubber, copolymer of ethylene-propylene-diene (EPDM), polyorganosiloxane-polyalkyl (meth)acrylate rubber complex and a mixture thereof:
- (C) 0 to 50 parts by weight of a vinyl copolymer or a mixture of vinyl copolymer prepared from (C-1) 50 to 95 parts by weight of at least one selected from the group consisting of styrene,  $\alpha$ -methyl styrene, halogen or alkyl substituted styrene,  $C_{1-8}$  methacrylic acid alkyl ester and  $C_{1-8}$  acrylic acid alkyl ester and (C-2) 5 to 50 parts by weight of at least one selected from the group consisting of acrylonitrile, methacrylonitrile,  $C_{1-8}$  methacrylic acid alkyl ester,  $C_{1-8}$  acrylic acid alkyl ester, maleic acid anhydride, and  $C_{1-4}$  alkyl or phenyl N-substituted maleimide;
- (D) 1 to 30 parts by weight of a mixture of organic phosphorous compounds consisting of (D-1) 5 to 95 parts by weight of a monomeric phosphoric acid ester compound represented by the following Formula (I) or a mixture thereof and (D-2) 95 to 5 parts by weight of an oligomeric phosphoric acid ester compound represented by the following Formula (II) or a mixture thereof, per 100 parts by weight of the sum of (A), (B) and (C):

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$$\begin{bmatrix} R_1 \\ O \end{bmatrix}_{x} \begin{bmatrix} R_2 \\ O \end{bmatrix}_{3-x}$$
 (I)

wherein  $R_1$  and  $R_2$  are independently hydrogen or a  $C_{1-5}$  alkyl group and x is 0 or an integer from 1 to 3,

$$R_{3}-O-P-O-P-O-R_{6}$$

$$\downarrow O -P-O-R_{6}$$

$$\downarrow O -P-O-R_{6}$$

$$\downarrow O -R_{5}$$

$$\downarrow O -R_{6}$$

wherein  $R_3$ ,  $R_4$ ,  $R_5$  and  $R_6$  are independently a  $C_{6-20}$  aryl group or an alkyl-substituted  $C_{6-20}$  aryl group, respectively, and n is an integer representing the number of repeating units from 1 to 5, the average value of n in the mixture of oligomeric phosphoric acid ester is 1 to 3; and

- (E) 0.05 to 5.0 parts by weight of a fluorinated polyolefin resin with average particle size of 0.05 to 1,000  $\mu$ m and density of 1.2 to 2.3 g/cm<sup>3</sup>, per 100 parts by weight of (A)+(B)+(C).
- 2. The flame retardant thermoplastic resin composition as defined in claim 1, wherein said  $R_1$  and  $R_2$  are independently hydrogen or alkyl group in which alkyl is methyl, ethyl, isopropyl or t-butyl.
- 3. The flame retardant thermoplastic resin composition as defined in claim 1, wherein said  $R_3$ ,  $R_4$ ,  $R_5$  and  $R_6$  are independently phenyl group, naphthalene group,

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and alkyl-substituted phenyl group in which alkyl is methyl, ethyl, isopropyl and t-butyl.

4. A molding article produced from the flame retardant thermoplastic resin composition as defined in claim 1.